



EVONIK
Innovatives

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Pharma Polymers

EUDRAGIT® Power Through Flexibility

EUDRAGIT®

Protective Coatings

- Quick Starts
- Enteric Coatings
- Sustained-release Formulations
- Protective Coatings
- Melt Extrusion
- Regulatory & Toxicology
- Packaging & Delivery

Many active ingredients require a protective coating to increase their stability and improve their mechanical properties. Protective EUDRAGIT® coatings dissolve in the acid medium of the stomach to rapidly release the active ingredient. They seal sensitive actives and increase patient compliance by masking tastes and odors. Even thin layers of EUDRAGIT® provide the desired effect, making it an extremely economical application. Pharma Polymers offer various cationic EUDRAGIT® grades for protective coatings.

Applications	EUDRAGIT® Grades	Availability	Functionality	Dissolution Properties	Monographs
Taste masking, odor masking	EUDRAGIT® E 100	Granules	Cationic polymer with dimethylaminoethyl methacrylate as a functional group	Soluble in gastric fluid up to pH 5.0	Ph.Eur., J.P.E., D.M.F. 1242
Insulating Coatings	EUDRAGIT® E PO	Powder		Swellable and permeable above pH 5.0	Ph.Eur., J.P.E., D.M.F. 1242

Application benefits of protective EUDRAGIT® coatings:

- pH-dependent drug release
- Protection of sensitive actives
- Taste and odor masking
- Moisture protection
- Good storage stability
- Improved passage of the dosage form
- Smooth and glossy surfaces, good colorcoating